

## **ABSTRACT**

The present invention relates to a method for the production, isolation, and purification of a recombinant protein, more particularly, to a method for isolating and purifying a foreign protein stably using Anti-Freeze Protein (AFP), thereby producing the protein. The present invention provides a method for the production, isolation and purification of a foreign target protein using its recombinant protein containing AFP, and a construct, an expression vector, a transformant and a recombinant protein. The recombinant protein produced by the present invention shows the biological property and function identical to a naturally occurring protein. Particularly, the present invention is advantageous for the expression and purification of a useful protein.